

Heavy Weight Concealed Bearings “Swing Clear” Hinges

Steel – polished and plated or phosphated and prime coated for painting

CB1948R – (ANSI A8121)

CB1949R† – (ANSI A8121)

CB1959R – (ANSI A8421)

CB1941R – (ANSI A8221)

CB1942R† – (ANSI A8221)

CB1951R – (ANSI A8321)

Stainless steel – highly polished or satin finish

STSCB1948R – (ANSI A5121)

STSCB1949R† – (ANSI A5121)

STSCB1959R – (ANSI A5421)

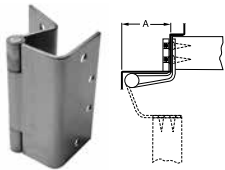
STSCB1941R – (ANSI A5221)

STSCB1942R† – (ANSI A5221)

STSCB1951R – (ANSI A5321)

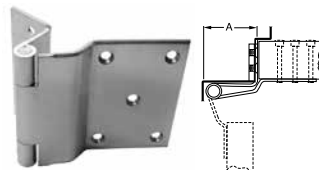


- For corridor doors to patients’ rooms, operating rooms, emergency rooms, or wherever conditions require a completely clear opening in hospitals, institutions or public buildings
- Designed to swing doors completely clear of the opening when door is opened 95°
- Consult factory for hinges available to clear 90°
- Concealed bearing for trouble-free, long life – no oil, no grease, no maintenance
- Pins in nonferrous hinges are stainless steel
- Heavy weight gauges increase available bearing surface area for maximum friction reduction
- Hinges are polished and buffed then plated or phosphated and prime coated
- Hinges can be furnished with hospital tips (HT)
- Full surface and half surface hinges packed with flat head machine screws and grommet nuts for door leaf. Specify door thickness, if other than 1 3/4” (44mm)
- Consider using a back plate with full surface and half surface hinges
- For half mortise hinges and full surface hinges to fit narrow metal frames, consult factory
- Limited lifetime warranty
- Reversible flush tips and pins

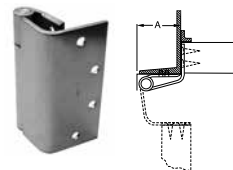


Full Mortise
CB1948R and STSCB1948R
{For square edge doors} (shown)

CB1949R† and STSCB1949R†
{For doors beveled 1/8” in 2”
(3.2 in 51mm)}

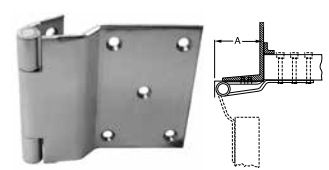


Half Surface
CB1959R and STSCB1959R



Half Mortise
For channel iron frames
CB1941R† and STSCB1941R†
{For square edge doors} (shown)

CB1942R† and STSCB1942R†
{For doors beveled 1/8” in 2”
(3.2 in 51mm)}



Full Surface
CB1951R and STSCB1951R
For channel iron frames

Class Number	Size Length of Joint		Minimum Clearance Required Dimensions "A"		Gauge of Metal		Flat Head Screws/ Per Piece		Quantity Per Box	Quantity Per Case	Case Weight		
	Inches	(mm)	Inches	(mm)	Inches	(mm)	Frame Leaf Machine	Door Leaf Wood			Lbs.	(Kg)	
CB1948R	STSCB1948R	4 1/2	(114)	2 1/8	(54)	.180	(4.6)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	31	(14)
CB1948R	STSCB1948R	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	35	(16)
CB1949R†	STSCB1949R†	4 1/2	(114)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	31	(14)
CB1949R†	STSCB1949R†	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	35	(16)
CB1959R	STSCB1959R	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	5-1/4-20 x 11/4 M.S.*		3 ea.	9	(4)
CB1941R	STSCB1941R	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	35	(16)
CB1942R†	STSCB1942R	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	4-12 x 11/4 W.S	3 ea.	15 ea.	35	(16)
CB1951R	STSCB1951R	5	(127)	2 1/8	(54)	.190	(4.8)	4-12-24 x 1/2	5-1/4-20 x 11/4 M.S.*	3 ea.	15 ea.	35	(16)

* Furnished with through-bolts and grommet nuts.

† For doors beveled 1/8” IN 2” (3.2MM IN 51 MM) on hinge side. For frame and door leaf dimensions refer to template furnished on request. If door closers, friction or overhead door holders are to be used in conjunction with these hinges, consult manufacturer of the device to be used for application details